

For Research Use Only

ANKRD53 Polyclonal antibody

Catalog Number: 24283-1-AP



Basic Information

Catalog Number: 24283-1-AP	GenBank Accession Number: BC035234	Purification Method: Antigen affinity purification
Size: 900 µg/ml	GeneID (NCBI): 79998	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8N9V6	
Isotype: IgG	Full Name: ankyrin repeat domain 53	
Immunogen Catalog Number: AG15030	Calculated MW: 530 aa, 60 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HepG2 cells

IHC : human kidney tissue, mouse testis tissue

IF/ICC : HepG2 cells,

Background Information

ANKRD53 also termed as ankyrin repeat domain 53 is a 533 amino-acid protein, which contains three ANK repeats and belongs to ankyrin family. The function of ANKRD53 is still non-known and need to be further studied. Ankyrins are membrane adaptor molecules that play important roles in coupling integral membrane proteins to the spectrin-based cytoskeleton network.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

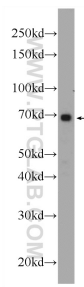
T: 4006900926

E: Proteintech-CN@ptglab.com

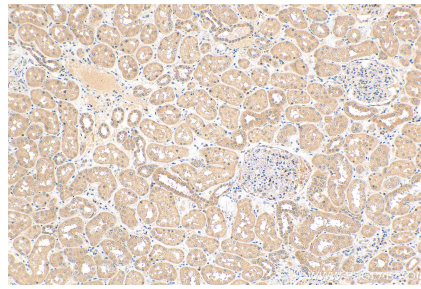
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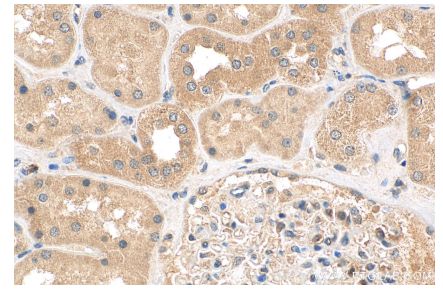
Selected Validation Data



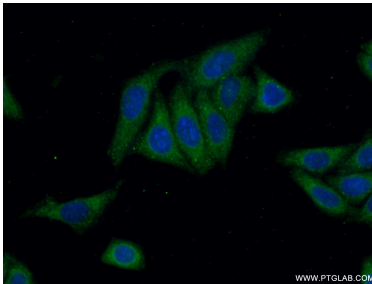
HeLa cells were subjected to SDS PAGE followed by western blot with 24283-1-AP (ANKRD53 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24283-1-AP (ANKRD53 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24283-1-AP (ANKRD53 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 24283-1-AP (ANKRD53 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).